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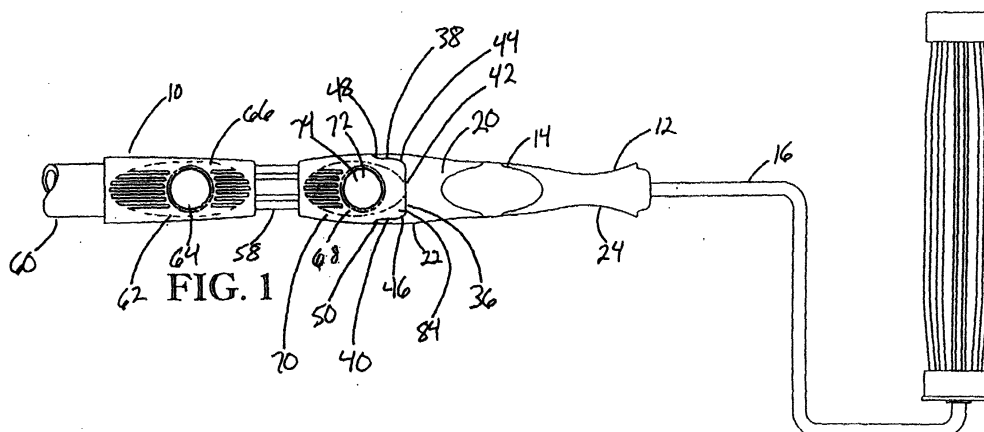
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(54) **Matingly interfitted tool handle and extension for preventing relative rotation**

(57) An extension pole (10) is disclosed for use with a paint roller tool (12). The pole (10) and handle (14) cooperatively provide a smooth flush connection and prevent relative rotation therebetween. In particular, an end portion of the extension pole comprises a locking mechanism that is designed to releasably interconnect the paint roller tool (12) and the extension pole (10) via operation of a button assembly (72) on the extension pole (10). The locking mechanism includes a housing (70) presenting a narrow outer surface defined along a circle coaxial with the pole (10) and snugly received

within the paint roller handle (14). A wide outer surface spaced radially outward from the narrow surface presents a key section, which when received within a recess extending inwardly from the rear end of the tool handle (14), cooperates with the handle to prevent relative rotation between the tool (12) and extension pole (10). Additionally, the wide surface of the extension pole (10), as well as the key section thereof, are designed to be flush with the gripping surface (20) of the tool handle (14), thereby creating a connection that is comfortable to the user and aesthetically appealing.



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EUROPEAN SEARCH REPORT

Application Number
EP 01 11 5628

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
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			B25G B05C A47L F16B A46B
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 30 August 2002	Examiner Matzdorf, U
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	
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**ANNEX TO THE EUROPEAN SEARCH REPORT
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